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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/573,459	03/24/2006	Jason L. James	66455-268-7	2401
25269	7590	07/02/2007	EXAMINER	
DYKEMA GOSSETT PLLC			HYEON, HAE M	
FRANKLIN SQUARE, THIRD FLOOR WEST			ART UNIT	PAPER NUMBER
1300 I STREET, NW			2839	
WASHINGTON, DC 20005			MAIL DATE DELIVERY MODE	
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/573,459	JAMES, JASON L.	
	Examiner	Art Unit	
	Hae M. Hyeon	2839	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 26 April 2007.
 2a) This action is **FINAL**. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1,4-16,18,19 and 23-27 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) Claim(s) _____ is/are allowed.
 6) Claim(s) 1,4-16,18,19 and 23-27 is/are rejected.
 7) Claim(s) _____ is/are objected to.
 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on 26 April 2007 is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) Notice of References Cited (PTO-892)
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
 3) Information Disclosure Statement(s) (PTO/SB/08)
 Paper No(s)/Mail Date _____.
 4) Interview Summary (PTO-413)
 Paper No(s)/Mail Date. _____.
 5) Notice of Informal Patent Application
 6) Other: _____.

DETAILED ACTION

Drawings

1. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, all the claimed elements must be shown or the feature(s) canceled from the claim(s). No new matter should be entered. Claimed elements that are not shown in the drawing are as followed (only some of the elements are listed as an example):

- A bridge contact provided on the plug
- An electrical circuit completed when the bridge contact of the plug is connected to the two contacts of the sensor means in the jack.
- The jack having a split, which can have two parts.
- A detector circuit.
- A continuity checking means
- A patch lead.
- A flow chart that shows each steps recited in the method claims 12-27.
- An alarm signal to an operator.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must

be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

2. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they include the following reference character(s) not mentioned in the description: "10" in Figure 3a and "11" in Figure 5. Corrected drawing sheets in compliance with 37 CFR 1.121(d), or amendment to the specification to add the reference character(s) in the description in compliance with 37 CFR 1.121(b) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 112

3. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

4. Claims 1-27 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter, which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

While claims 1-27 recite many distinct components of a structured cabling system, the drawings do not show most of the elements (as listed above paragraph 1) and the present specification does not explain in detail all these elements, their structures, or the relationship between each element. Therefore, the claimed invention cannot be understood clearly and fully without Detailed Description of the Invention: See MPEP § 608.01(g) and cannot make a proper search for the claimed invention.

The examiner was not able to search for the following structures because the drawings did not show and the specification did not describe them.

- **Claim 1 recites, a contact provided on the plug that bridges at least two contacts provided in each jack.** It is not clear how the contact of the plug bridges at least two contacts of the jack. Also, it is not clear which two contacts of the jack are bridged, two adjacent contacts, two opposite contacts, or any two contacts in the jack.
- **The jack having a split can having two parts, which are electrically isolated from each other.** What is the split of the jack? Is the split a component of the jack? Where is

the split located, inside or outside of the jack? What are two parts of the split? How the two parts of the split complete a detector circuit?

- Claim 4, line 2 recites, “**a split can having two parts**” and line 6 recites, “**said two parts of the can.**” Is the can recited in claim 4 referring to a verb or a container? If the can in claim 4 is referring to a container, is the can the shielding 5 and 6 shown and described in the present application? Claim 4, lines 3-4 recite, “**the contact provided on the plug contacting said two parts.**” It is not clear which contact of the plug contacts the two parts.
- Claim 7 recites, “**Continuity checking means associated with each jack.**” It is not clear what is the continuity checking means. Is it a circuit or a structure within the jack?
- Claim 9 recites, “**opposing ends of a patch lead should be connected.**” Since the drawings do not identify and the specification does not explain the patch lead, it is not clear what is the patch lead.
- Claim 22 recites, “**an alarm signal to an operator.**” Where is the alarm signal and how does it alert an operator?

5. The disclosure (drawings, specification and claims) of the instant invention has not been checked to the extent necessary to determine the presence of all possible errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the disclosure.

Response to Arguments

6. Applicant's arguments filed on April 26, 2007 have been fully considered but they are not persuasive. In the previous office action filed on January 26, 2007, the examiner did not reject claims 3, 4, 22 and 26 not because the prior arts did not teach the limitations recited in these claims, but because the examiner was unable to understand the limitations recited in these claims and to conduct a proper search due to the lack of drawings and description in the specification. The amendment filed on April 26, 2007 still does not show many elements in the drawings which were recited in claims and the specification does not describe them. Therefore, the examiner is still unable to fully understand the claimed invention and to conduct a proper search.

Conclusion

7. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hae M. Hyeon whose telephone number is 571-272-2093. The examiner can normally be reached on Mon.-Fri. (8:30-5:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tulsidas C. Patel can be reached on (571) 272-2098. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Hae M Hyeon
Primary Examiner
Art Unit 2839

hmh *hmh*

Hae Moon Hyeon